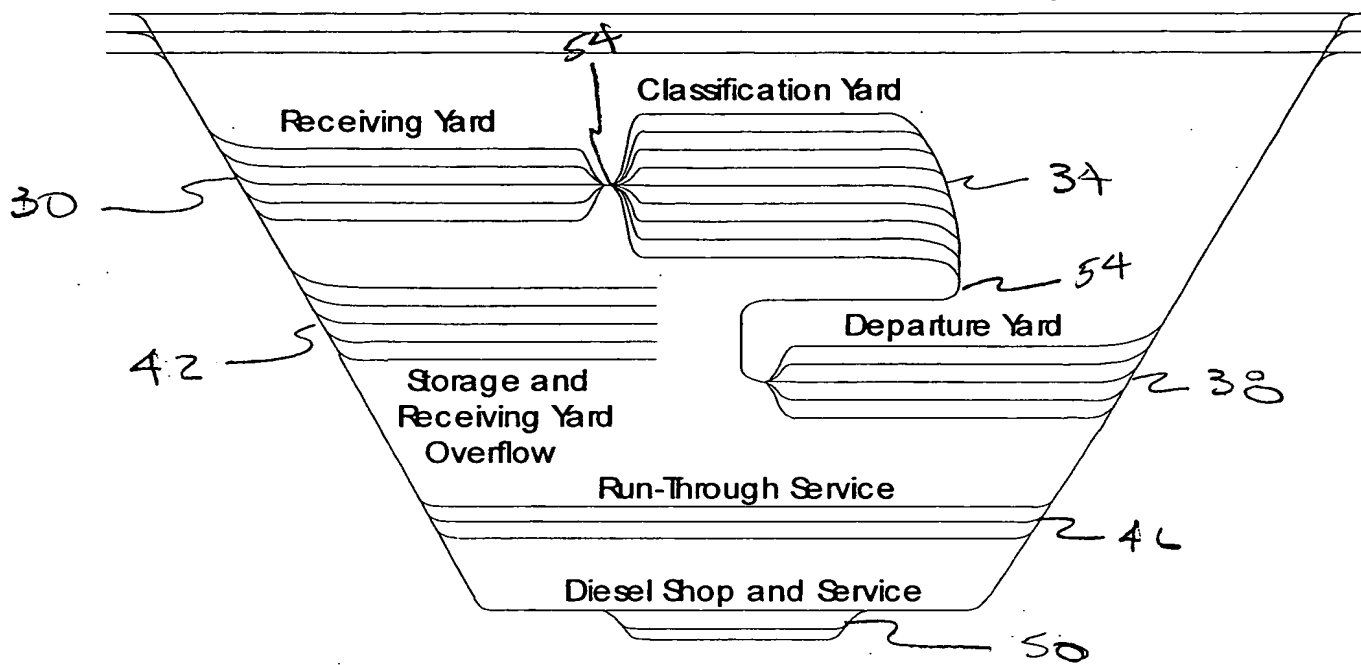
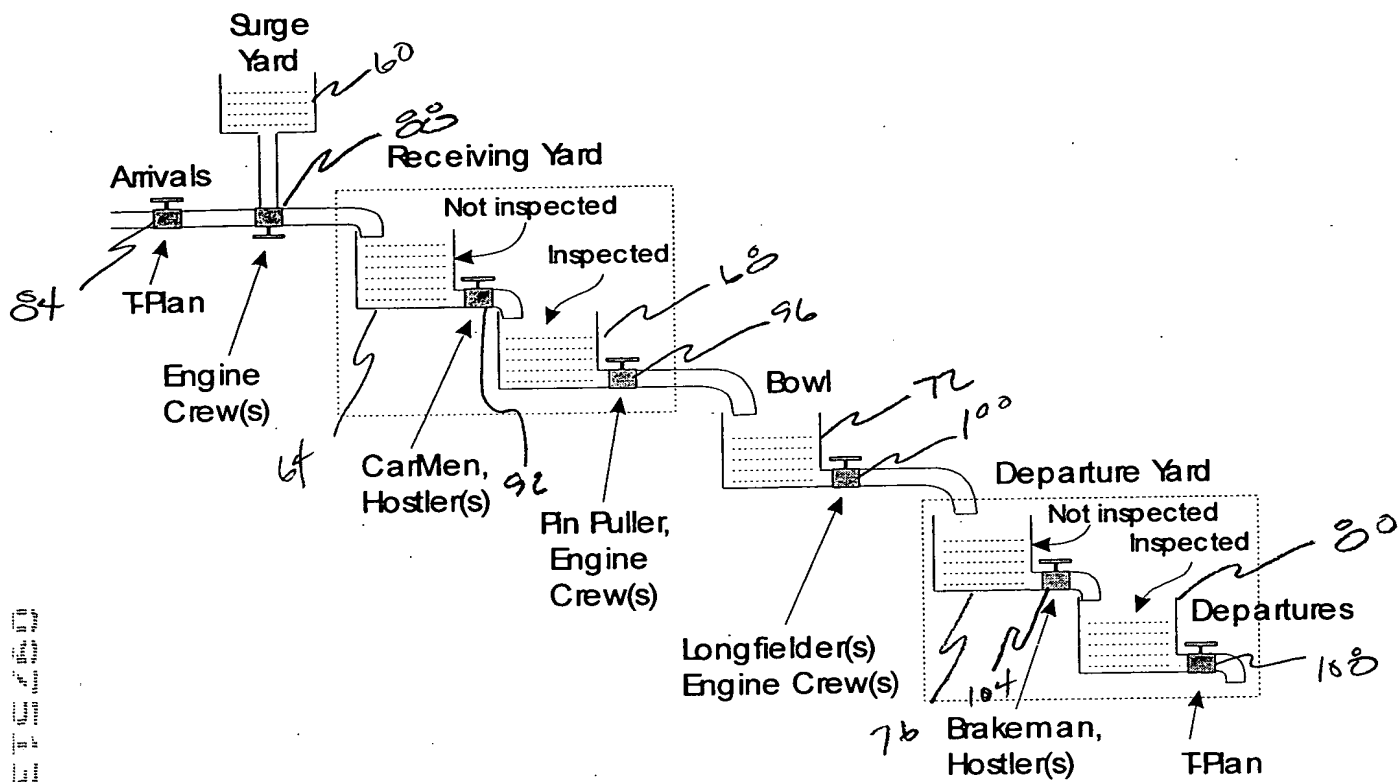


Fig. 1



**Fig. 2**



**Fig. 3**

204

208

212

216

200

216

216

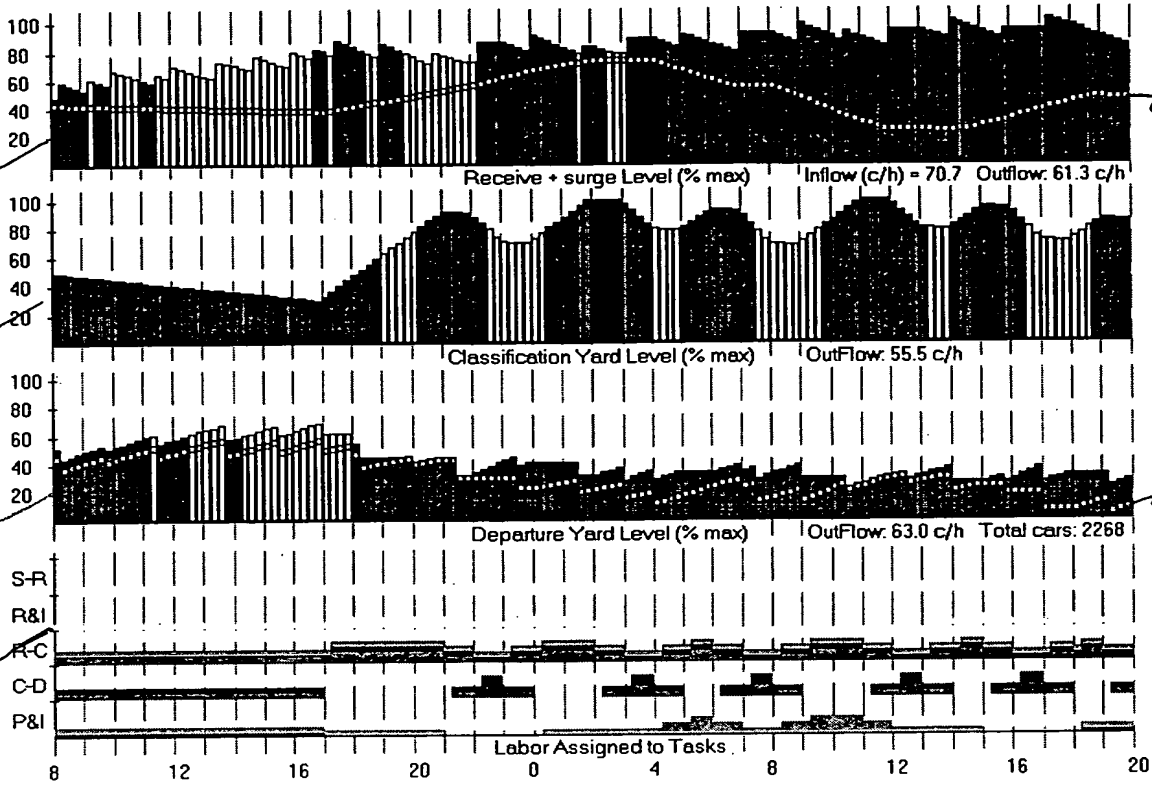
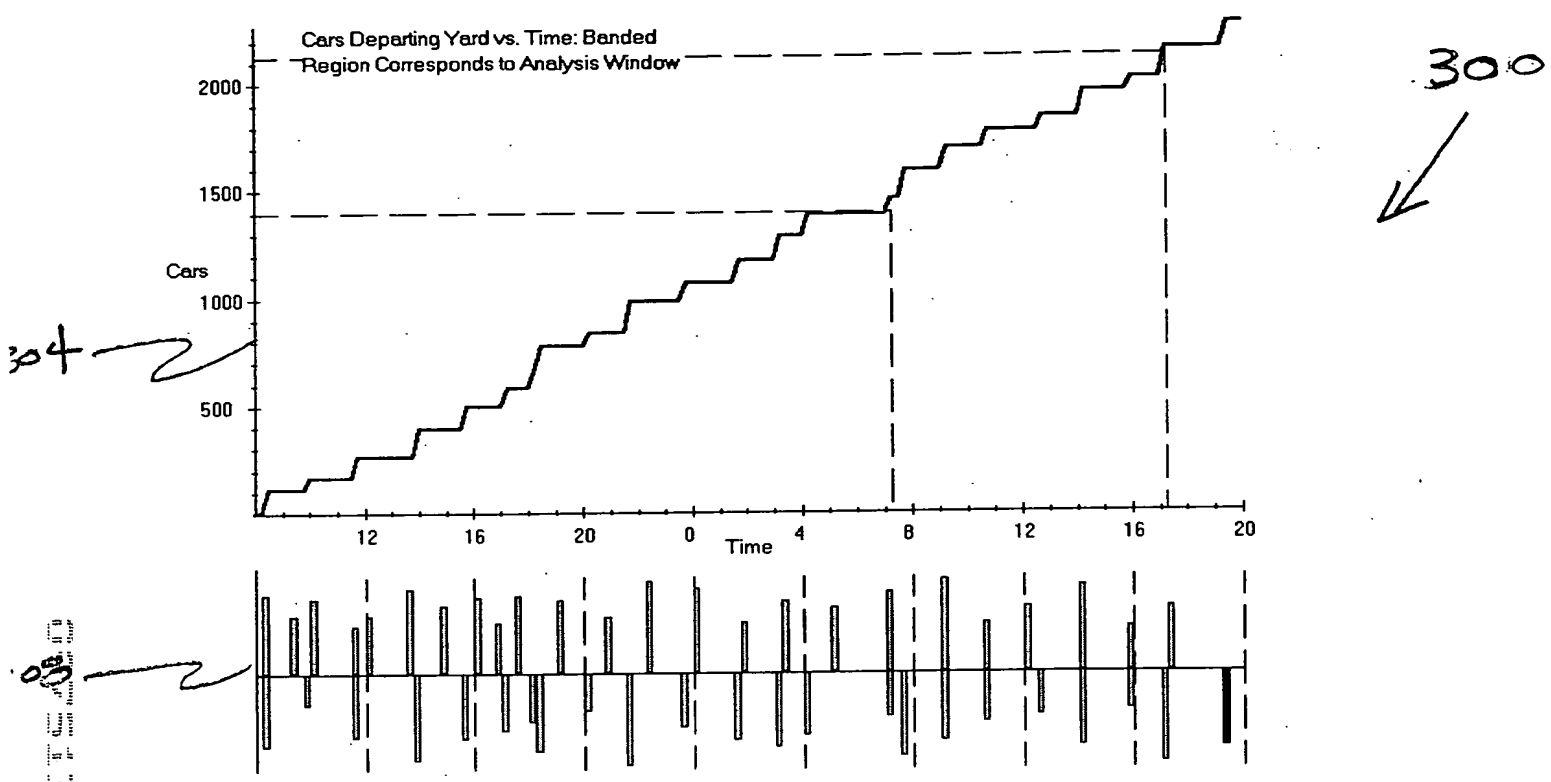


Fig. 4



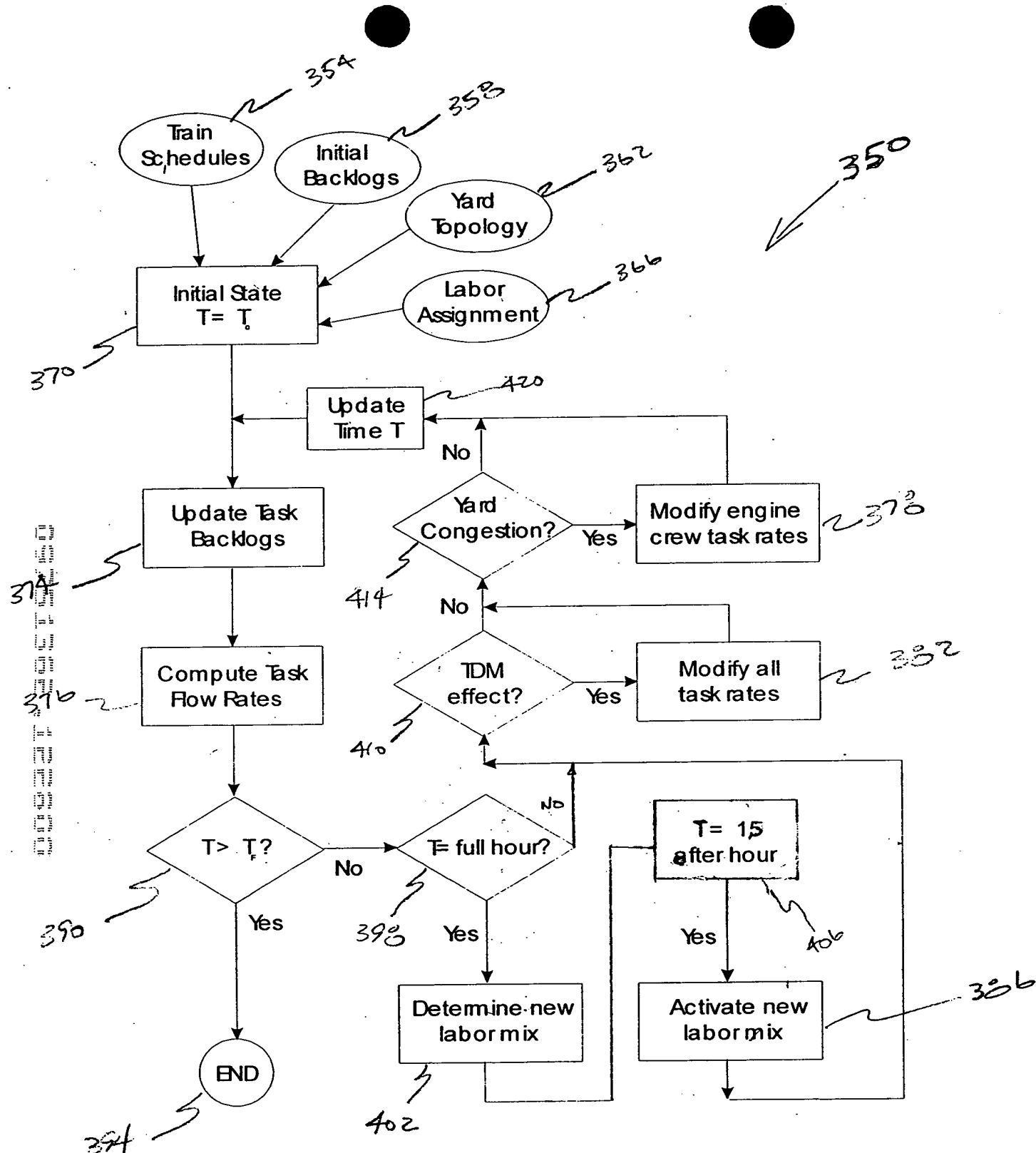


Fig. 6

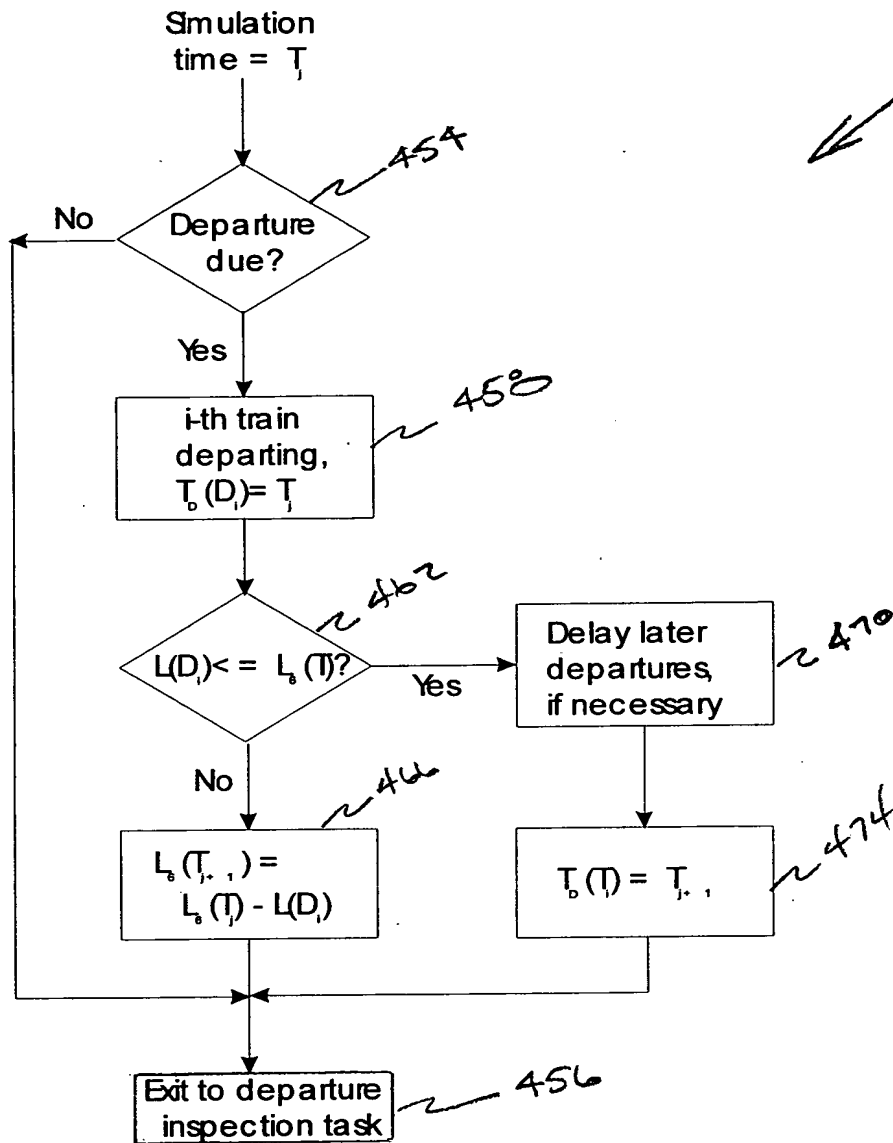
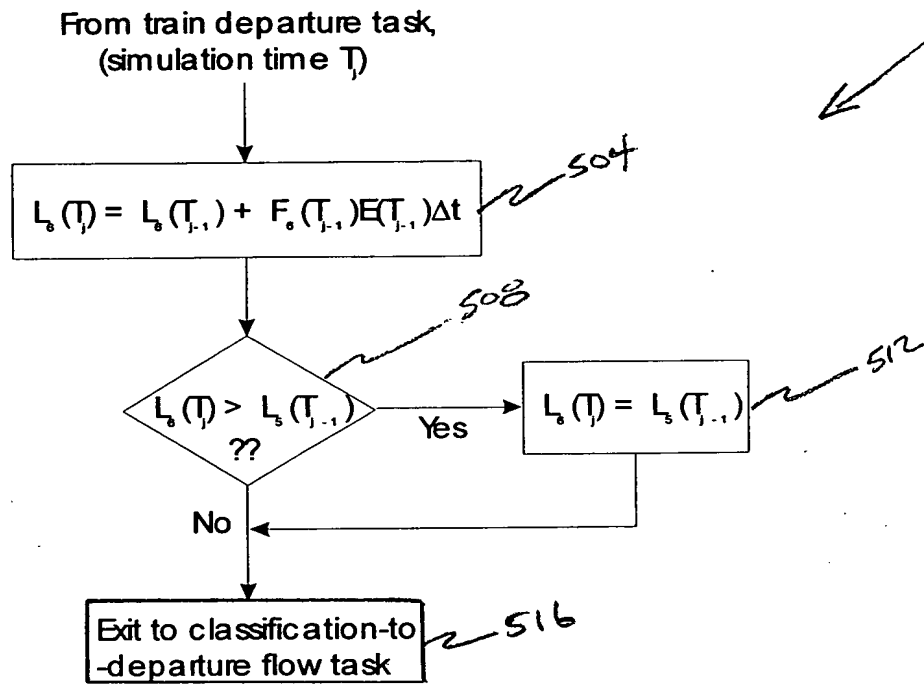


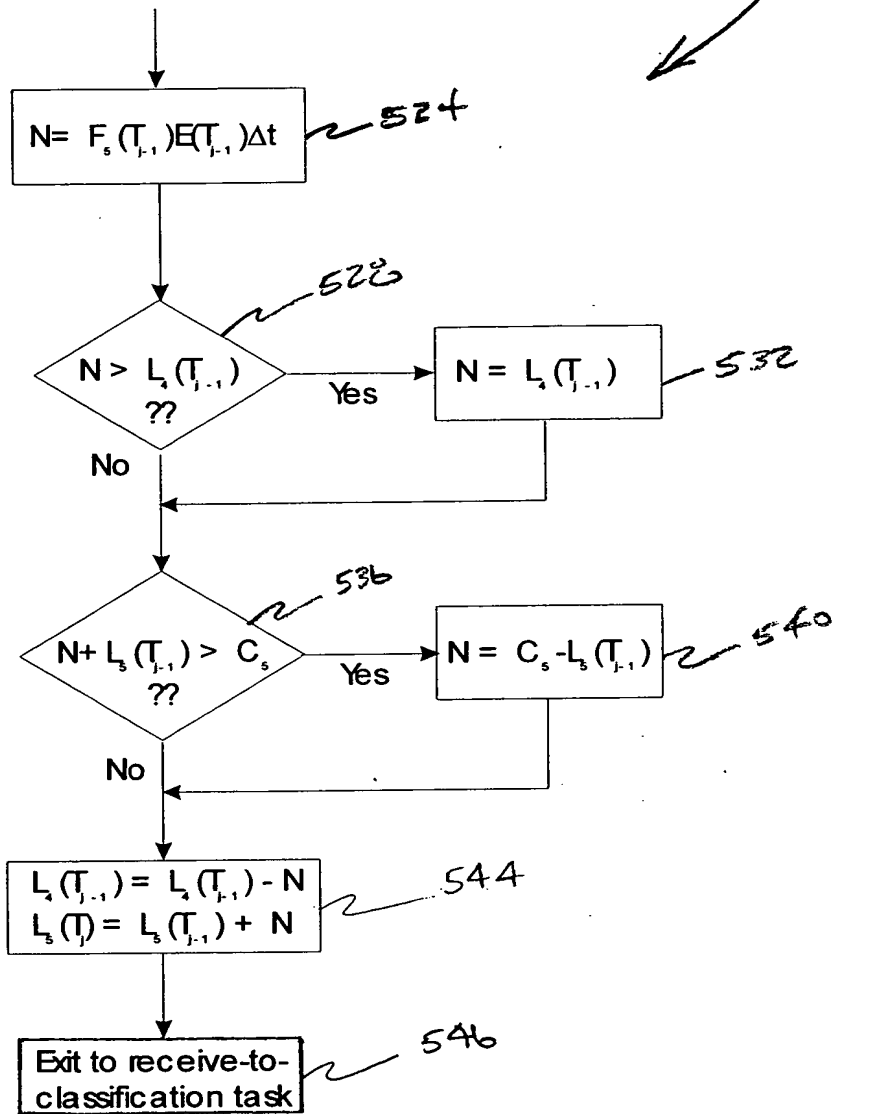
Fig. 7



**Fig. 8**

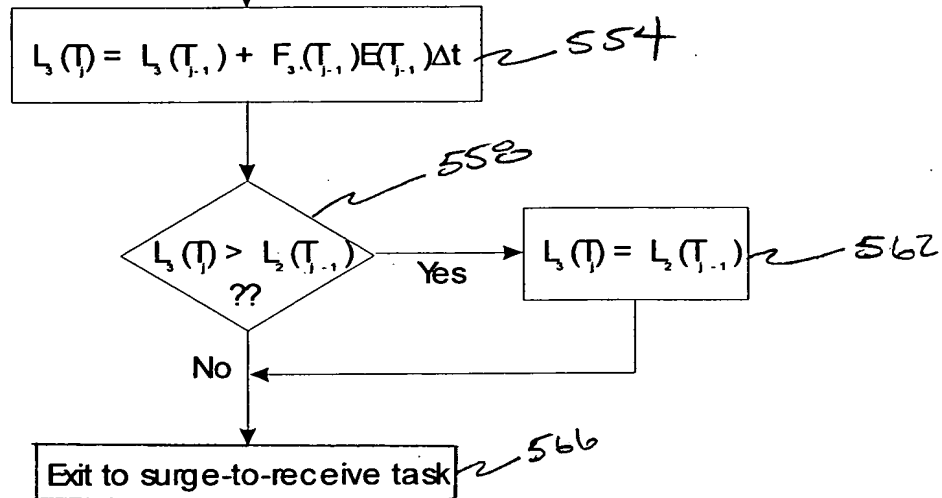


From train departure  
inspection task,  
(simulation time  $T_j$ )



**Fig. 9**

From receive-to-classification task,  
(simulation time  $T_j$ )



**Fig. 10**

From surge-to-receive task,  
(simulation time  $T_j$ )

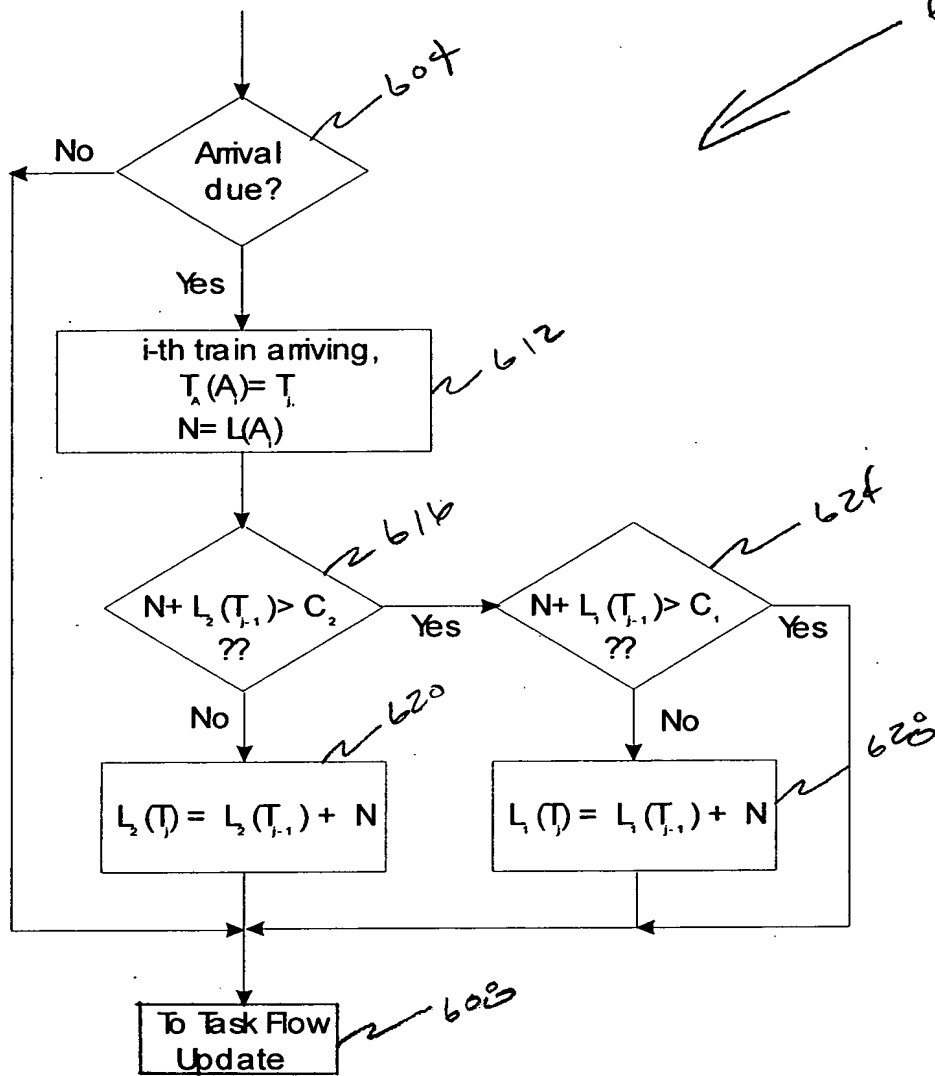


Fig. 11

Inputs

L1 = first labor category  
T1 = task using first labor category  
L2 = second labor category  
T2 = task using second labor category  
B = a specified backlog level (0 - 1)

Source = -1

Source = the task to provide the labor  
LM(i,j) = labor of type j currently assigned to task i

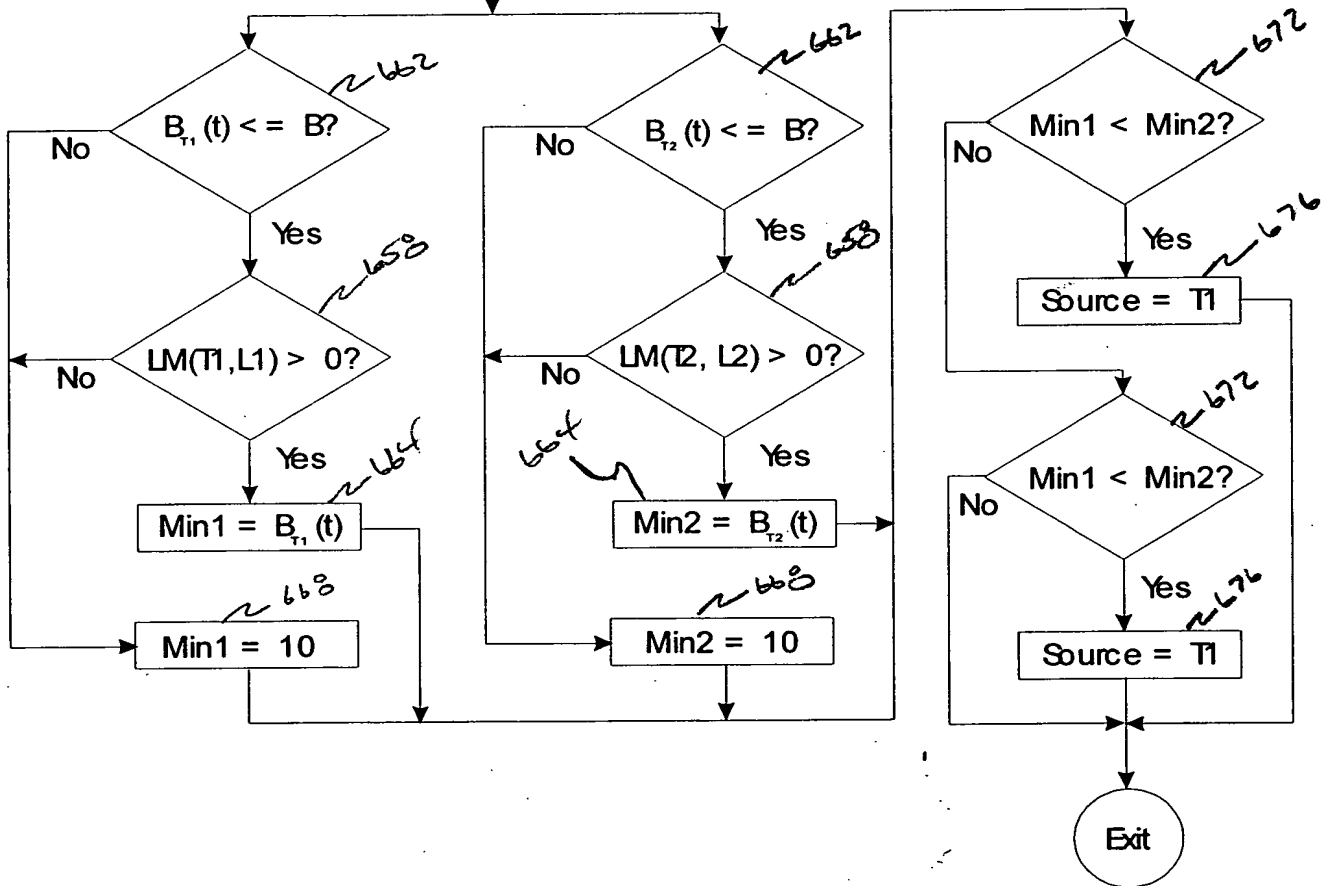


Fig. 12